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CURRENT INDUSTRIAL REPORTS

Manufacturers' Shipments, Inventories, and Orders

October 1986

U.S. Department of Commerce
BUREAU OF THE CENSUS

M3-1(86)-10
For Wire Transmission 10:00 a.m. E.S.T. Thursday, December 4, 1986

(All Figures in text are in seasonally adjusted current dollars)

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U.S. DEPOSITORY

SUMMARY. New orders for manufactured goods in October declined $7.1 billion or 3.6 percent to $192.3 billion. This is the largest 1-month decrease since the 4.5 percent drop in May 1980, and offset last month's large increase of 3.4 percent.

Shipments of manufactured goods in October declined $0.5 billion or 0.3 percent to $195.7 billion, following a 1.5 percent increase in September. Shipments have fluctuated over the past year since reaching a high last November of $200.1 billion.

Unfilled orders for manufactured goods in October decreased $3.5 billion or 0.9 percent to $365.1 billion, mostly due to a drop in the defense capital goods orders backlog. Excluding defense, unfilled orders declined 0.2 percent.

Manufacturers' inventories declined $0.4 billion or 0.1 percent to $276.2 billion. Since reaching a high in March 1985 of $286.2 billion, inventories have shown a slow downward trend. The inventory to shipments ratio in October was 1.41, the same as September but down from 1.44 in August.

NEW ORDERS. Most of the $7.1 billion decline in new orders was in the durable goods sector, down $5.5 billion or 5.1 percent to $103.2 billion. Within the major industries, transportation equipment was down $2.8 billion or 9.8 percent to $26.1 billion; a large decline in defense aircraft and parts orders was partially offset by an increase in commercial aircraft.

Nonelectrical machinery decreased $1.3 billion or 8.1 percent to $15.2 billion, the third consecutive monthly decline. Most of the October decrease was in engines and turbines. Electrical machinery declined $0.6 billion or 3.7 percent to $17.0 billion, following a 10.8 percent increase in September.

New orders for nondurable goods declined $1.6 billion or 1.8 percent to $89.1 billion.

SHIPMENTS. The decrease in shipments in October resulted from declines in the nondurable goods sector, which in total was down $1.5 billion or 1.6 percent to $88.8 billion. The largest decline was in petroleum products, down $0.5 billion or 4.8 percent to $10.2 billion; this industry had shipments of $17.0 billion in November 1985, before the sharp downturn during the last year.

Shipments of durable goods increased in October $0.9 billion or 0.9 percent to $106.9 billion. The largest increase was in transportation equipment, where the aircraft industry showed a $1.2 billion or 15.3 percent increase to $8.9 billion. Other major industries showed smaller offsetting movements.

UNFILLED ORDERS. Unfilled orders held by durable goods manufacturers declined $3.7 billion or 1.0 percent to $353.8 billion. The largest declines were in transportation equipment and nonelectrical machinery. Transportation was down $2.1 billion or 1.3 percent to $159.2 billion, virtually all of which was in aircraft. Nonelectrical machinery was down $1.5 billion or 2.6 percent to $54.9 billion, mostly due to declines in steam engines and turbines and office and computing equipment.

INVENTORIES. A decline in inventories held by durable goods manufacturers of $0.7 billion or 0.4 percent to $185.4 billion more than offset an increase of $0.3 billion or 0.3 percent in nondurable goods inventories. Inventories of materials and supplies for durable goods declined 1.3 percent, with little change in work in process and finished goods; work in process in nondurable industries increased 1.6 percent, with little change in materials and supplies and finished goods.

SCHEDULED RELEASE DATES. The advance report on durable goods for November is scheduled for release on December 23, 1986 at 8:30 a.m. and the full report on January 2, 1987 at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service–CENDATA™. The online version of the report can be read from a terminal screen, printed on– or off–line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334–2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763–2074) can provide content information and general guidance, or write for a brochure to CENDATA, DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug-Sept.r	July-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	1986P	1985
	All manufacturing industries	195,742	196,281	193,305	193,294	-0.3	+1.5	0.0	200,820	207,008	190,795	178,616	1,956,734	1,951,559
	Manufacturing industries with unfilled orders	109,877	109,570	107,264	108,326	+0.3	+2.1	-1.0	112,644	115,565	105,573	98,950	1,080,694	1,056,959
	Durable goods industries	106,942	106,027	104,154	104,980	+0.9	+1.8	-0.8	110,032	111,768	100,573	95,007	1,056,901	1,037,141
	With unfilled orders	86,909	86,218	84,714	85,736	+0.8	+1.8	-1.2	88,734	91,180	82,606	77,887	856,539	846,912
32	Stone, clay, and glass products	4,948	4,941	4,760	4,876	+0.1	+3.8	-2.4	5,246	5,396	5,066	4,824	49,987	48,411
322	Glass containers	450	415	424	445	+8.4	-2.1	-4.7	459	430	459	441	4,374	4,097
33	Primary metals	9,688	9,644	9,358	9,646	+0.5	+3.1	-3.0	9,691	9,734	9,183	8,778	99,455	106,650
331	Blast furnaces, steel mills	3,783	3,833	3,638	4,146	-1.3	+5.4	-12.3	3,722	3,756	3,543	3,781	40,361	44,493
333-9	Nonferrous and other primary metals	4,698	4,683	4,601	4,307	+0.3	+1.8	+6.8	4,731	4,856	4,527	3,958	47,009	49,705
34	Fabricated metal products	14,461	14,266	13,910	14,044	+1.4	+2.6	-1.0	15,107	15,046	14,160	13,114	143,341	141,258
341	Metal cans, barrels, and drums	900	837	920	933	+7.5	-9.0	-1.4	855	947	1,087	1,017	9,447	9,743
35	Machinery, except electrical	16,643	16,597	16,433	17,111	+0.3	+1.0	-4.0	16,508	17,639	15,216	15,466	169,492	175,862
351	Engines and turbines	1,265	1,249	1,159	1,088	+1.3	+7.8	+6.5	1,177	1,313	1,063	968	12,292	12,398
352	Farm machinery and equipment	594	730	835	725	-18.6	-12.6	+15.2	676	754	680	585	8,161	8,828
353	Construction, mining, and material handling equipment	2,436	2,319	2,498	2,872	+5.0	-7.2	-13.0	2,480	2,472	2,276	2,820	27,869	27,789
354	Metalworking machinery	961	918	787	808	+4.7	+16.6	-2.6	1,031	1,003	738	709	8,710	8,629
356	General industrial machinery	1,544	1,463	1,319	1,551	+5.5	+10.9	-15.0	1,610	1,491	1,327	1,436	14,760	14,026
357	Office and computing machines	3,998	4,256	4,018	4,170	-6.1	+5.9	-3.6	3,750	4,775	3,737	3,478	38,595	44,603
36	Electrical machinery	16,886	17,258	16,883	16,172	-2.2	+2.2	+4.4	17,209	18,362	16,375	14,643	161,704	152,768
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,184	2,129	2,143	2,170	+2.6	-0.7	-1.2	2,116	2,298	2,069	1,891	21,175	20,590
363	Household appliances	1,599	1,598	1,515	1,551	+0.1	+5.5	-2.3	1,642	1,750	1,609	1,535	15,089	14,399
365	Radio and TV	1,217	1,203	1,166	1,092	+1.2	+3.2	+6.8	1,368	1,421	1,139	988	10,819	9,141
366	Communication equipment	5,523	5,973	5,791	5,140	-7.5	+3.1	+12.7	5,489	6,076	5,487	4,659	53,471	50,690
367	Electronic components	3,308	3,280	3,347	3,288	+0.9	-2.0	+1.8	3,288	3,487	3,270	2,982	32,988	32,756
37	Transportation equipment	28,271	27,082	26,855	27,297	+4.4	+0.8	-1.6	29,260	28,114	24,095	23,494	272,929	260,526
371	Motor vehicles and parts	17,696	17,777	16,970	16,884	-0.5	+4.8	+0.5	18,894	18,404	14,949	13,968	178,047	171,411
372,6	Aircraft, missiles, and parts	8,900	7,720	8,163	8,750	+15.3	-5.4	-6.7	8,762	8,202	7,563	7,980	79,163	72,629
3731,95	Shipbuilding and military tank vehicles	685	648	754	710	+5.7	-14.1	+6.2	682	656	728	693	6,914	8,187
38	Instruments and related products	4,706	4,568	4,727	4,755	+3.0	-3.4	-0.6	4,841	4,942	4,650	4,363	46,605	46,876
381-4	Scientific and engineering instruments	2,992	2,919	3,169	3,089	+2.5	-7.9	+2.6	2,992	3,147	3,106	2,783	30,460	30,784
386	Photographic goods	1,555	1,492	1,399	1,474	+4.2	+6.6	-5.1	1,675	1,622	1,381	1,396	14,391	14,174
24,25, 39	All other durable goods	11,339	11,671	11,228	11,079	-2.8	+3.9	+1.3	12,170	12,535	11,828	10,325	113,388	104,790
	Nondurable goods industries	88,800	90,254	89,151	88,314	-1.6	+1.2	+0.9	90,788	95,240	90,222	83,609	899,833	914,418
	With unfilled orders	22,968	23,352	22,550	22,590	-1.6	+3.6	-0.2	23,910	24,385	22,967	21,063	224,155	210,047
20	Food and kindred products	26,475	26,552	26,286	26,420	-0.3	+1.0	-0.5	27,178	28,307	26,268	24,971	258,091	246,545
201	Meat products	6,117	6,127	6,102	5,983	-0.2	+0.4	+2.0	6,349	6,262	6,303	5,780	57,369	56,220
208	Beverages	3,924	3,997	4,013	3,934	-1.8	-0.4	+2.0	3,975	4,025	4,290	4,217	40,473	38,271
207	Fats and oils	1,091	1,073	1,077	958	+1.7	-0.4	+12.4	1,089	1,088	1,050	914	10,546	11,449
203-6,9	All other foods	11,943	12,095	11,723	12,170	-1.3	+3.2	-3.7	12,385	13,571	11,254	10,685	116,709	108,273
21	Tobacco products	1,486	1,815	1,781	1,491	-18.1	+1.9	+19.5	1,508	2,013	1,882	1,373	17,320	16,478
22	Textile mill products	4,752	4,693	4,618	4,592	+1.3	+1.6	+0.6	4,963	5,067	4,825	3,925	45,486	43,894
26	Paper and allied products	9,327	9,515	9,299	9,317	-2.0	+2.3	-0.2	9,408	9,704	9,485	8,821	90,972	81,814
261-3,6	Pulp, paper etc	4,100	4,077	3,929	4,025	+0.6	+3.8	-2.4	4,064	4,115	3,957	3,771	38,529	35,004
265	Paperboard containers	1,781	1,855	1,838	1,827	-4.0	+0.9	+0.6	1,886	1,914	1,884	1,732	18,376	18,210
264	All other paper products	3,446	3,583	3,532	3,465	-3.8	+1.4	+1.9	3,458	3,675	3,644	3,318	34,067	28,600
28	Chemicals and allied products	18,059	17,949	18,060	17,635	+0.6	-0.6	+2.4	17,316	18,767	17,593	16,195	179,771	180,247
281,6	Industrial chemicals, except pigments	5,930	5,958	5,937	5,807	-0.5	+0.4	+2.2	5,663	5,982	5,830	5,459	58,826	59,722
283,4	Drugs, soaps, and toiletries	5,442	5,249	5,153	5,048	+3.7	+1.9	+2.1	5,355	6,162	5,189	4,563	51,622	46,605
29	Petroleum and coal products	10,205	10,718	10,880	10,677	-4.8	-1.5	+1.9	10,307	11,006	11,023	10,731	120,931	160,089
30	Rubber and plastics products	4,007	3,984	3,804	3,759	+0.6	+4.7	+1.2	4,270	4,250	3,925	3,619	40,126	40,654
23,27, 31	All other nondurable goods	14,489	15,028	14,423	14,423	-3.6	+4.2	0.0	15,838	16,126	15,221	13,974	147,136	144,697
	Market categories:													
	Home goods and apparel	13,406	14,107	13,631	13,454	-5.0	+3.5	+1.3	14,897	15,891	14,845	12,480	137,441	133,570
	Consumer staples	37,692	38,088	37,280	37,193	-1.0	+2.2	+0.2	38,653	40,939	37,341	35,083	368,045	345,230
	Equipment and defense products, except automotive	30,351	29,735	30,631	30,434	+2.1	-2.9	+0.6	30,195	31,613	28,916	27,571	298,439	298,228
	Automotive equipment	19,702	19,696	18,831	18,748	0.0	+4.6	+0.4	20,928	20,331	16,829	15,783	197,072	190,966
	Construction materials, supplies and intermediate products	18,445	18,346	17,685	17,901	+0.5	+3.7	-1.2	19,313	19,669	18,633	17,746	183,361	174,376
	Other materials, supplies, and intermediate products	76,146	76,309	75,247	75,564	-0.2	+1.4	-0.4	76,834	78,565	74,231	69,953	772,376	809,189
	Supplementary series:[2]													
	Capital goods industries	35,732	34,768	34,928	35,503	+2.8	-0.5	-1.6	35,549	36,860	32,775	32,170	342,928	335,788
	Nondefense	27,681	27,081	27,284	27,420	+2.2	-0.7	-0.5	27,462	28,805	25,425	24,711	267,624	267,565
	Defense	8,051	7,687	7,644	8,083	+4.7	+0.6	-5.4	8,087	8,055	7,350	7,459	75,304	68,223
	Household durable goods industries	7,041	7,489	7,147	6,940	-6.0	+4.8	+3.0	7,756	8,523	7,477	6,142	70,416	65,464

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]					
		Monthly				Percent change			Monthly				Year to date	
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	1986P	1985
	All manufacturing industries	192,284	199,399	192,836	194,560	-3.6	+3.4	-0.9	199,157	208,321	186,986	177,464	1,955,620	1,958,527
	Manufacturing industries with unfilled orders	106,419	112,688	106,795	109,592	-5.6	+5.5	-2.6	110,981	116,878	101,764	97,798	1,079,580	1,063,926
	Durable goods industries	103,221	108,723	103,845	106,220	-5.1	+4.7	-2.2	108,267	112,745	96,996	93,742	1,055,083	1,043,742
	With unfilled orders	83,188	88,914	84,405	86,976	-6.4	+5.3	-3.0	86,969	92,157	79,029	76,622	854,721	853,513
32	Stone, clay, and glass products	4,891	4,960	4,787	4,809	-1.4	+3.6	-0.5	5,133	5,359	5,028	4,775	49,903	48,583
33	Primary metals	9,636	9,842	10,245	9,060	-2.1	-3.9	+13.1	9,441	9,588	9,929	8,088	98,736	107,031
331	Blast furnaces, steel mills	3,582	4,212	4,488	3,678	-15.0	-6.1	+22.0	3,467	3,903	4,342	3,229	40,252	44,852
333-9	Nonferrous and other primary metals	4,669	4,504	4,557	4,285	+3.7	-1.2	+6.3	4,518	4,589	4,490	3,830	45,890	49,404
34	Fabricated metal products	14,311	14,051	13,702	13,993	+1.9	+2.5	-2.1	14,625	14,759	13,859	13,020	141,983	139,951
35	Machinery, except electrical	15,181	16,523	16,603	17,233	-8.1	-0.5	-3.7	15,763	17,091	15,168	14,963	165,081	175,539
351	Engines and turbines	714	1,541	900	962	-53.7	+71.2	-6.4	1,114	1,510	952	906	11,917	12,091
353	Construction, mining, and material handling equipment	2,435	2,170	2,517	2,624	+12.2	-13.8	-4.1	2,474	2,320	2,220	2,592	26,320	28,076
354	Metalworking machinery	786	980	693	849	-19.8	+41.4	-18.4	872	967	750	787	8,412	9,459
356	General industrial machinery	1,499	1,416	1,303	1,470	+5.9	+8.7	-11.4	1,594	1,386	1,315	1,351	14,615	13,756
357	Office and computing machines	3,524	3,868	4,735	4,632	-8.9	-18.3	+2.2	3,325	4,267	3,938	3,402	37,012	44,697
36	Electrical machinery	17,026	17,672	15,952	16,953	-3.7	+10.8	-5.9	17,242	18,612	15,533	14,859	164,280	156,838
361,2	Electrical transmission and distribution equipment and industrial apparatus	2,185	2,228	2,131	2,230	-1.9	+4.6	-4.4	2,116	2,363	2,082	1,950	20,966	20,374
363	Household appliances	1,599	1,653	1,516	1,560	-3.3	+9.0	-2.8	1,582	1,778	1,609	1,552	15,079	14,447
365	Radio and TV	1,358	1,280	1,140	1,024	+6.1	+12.3	+11.3	1,306	1,496	1,212	919	10,826	9,310
366	Communication equipment	5,794	6,341	5,264	5,950	-8.6	+20.5	-11.5	5,885	6,706	5,014	4,840	57,182	58,266
367	Electronic components	3,070	3,059	3,014	3,245	+0.4	+1.5	-7.1	3,083	2,944	2,808	2,970	31,842	29,207
37	Transportation equipment	26,123	28,964	26,704	28,359	-9.8	+8.5	-5.8	29,330	29,772	21,096	23,211	274,526	263,695
372,6	Aircraft, missiles, and parts	6,853	9,530	8,525	9,226	-28.1	+11.8	-7.6	8,792	9,872	5,219	7,182	80,750	78,867
3731,95	Shipbuilding and military tank vehicles	318	774	550	1,498	-58.9	+40.7	-63.3	348	739	358	1,222	7,091	5,900
38	Instruments and related products	4,771	4,843	4,607	4,820	-1.5	+5.1	-4.4	4,827	5,159	4,532	4,414	46,611	47,144
24,25, 39	All other durable goods	11,282	11,868	11,245	10,993	-4.9	+5.5	+2.3	11,906	12,405	11,851	10,412	113,963	104,961
	Nondurable goods industries	89,063	90,676	88,991	88,340	-1.8	+1.9	+0.7	90,890	95,576	89,990	83,722	900,537	914,785
	With unfilled orders	23,231	23,774	22,390	22,616	-2.3	+6.2	-1.0	24,012	24,721	22,735	21,176	224,859	210,413
	Market categories:													
	Home goods and apparel	13,507	14,332	13,755	13,273	-5.8	+4.2	+3.6	14,537	15,798	14,979	12,472	138,068	134,033
	Consumer staples	37,728	38,044	37,231	37,198	-0.8	+2.2	+0.1	38,673	40,924	37,331	35,118	368,051	345,341
	Equipment and defense products, except automotive	27,057	30,473	30,501	32,404	-11.2	-0.1	-5.9	29,673	32,106	25,994	26,847	297,412	304,952
	Automotive equipment	19,955	19,681	18,533	18,631	+1.4	+6.2	-0.5	21,295	20,285	16,576	15,839	196,988	190,299
	Construction materials, supplies and intermediate products	18,297	18,250	17,577	17,980	+0.3	+3.8	-2.2	18,960	19,478	18,449	17,817	182,861	174,384
	Other materials, supplies, and intermediate products	75,740	78,619	75,239	75,074	-3.7	+4.5	+0.2	76,019	79,730	73,657	69,371	772,240	809,518
	Supplementary series:[2]													
	Capital goods industries	32,004	37,060	34,657	37,544	-13.6	+6.9	-7.7	34,765	38,715	29,497	31,409	343,602	346,130
	Nondefense	26,879	28,222	26,325	27,387	-4.8	+7.2	-3.9	28,084	29,027	24,264	24,314	265,975	268,551
	Defense	5,125	8,838	8,332	10,157	-42.0	+6.1	-18.0	6,681	9,688	5,233	7,095	77,627	77,579
	Household durable goods industries	7,175	7,707	7,235	6,762	-6.9	+6.5	+7.0	7,445	8,443	7,610	6,120	70,981	65,808

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[1] Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

[2] The supplementary series are regroupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.P	Aug.-Sept.r	July.-Aug.	Oct. 1986P	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	All manufacturing industries..	365,139	368,597	365,479	365,948	-0.9	+0.9	-0.1	360,246	361,909	360,596	364,405	359,908
	Durable goods industries.....	353,778	357,499	354,803	355,112	-1.0	+0.8	-0.1	349,073	350,838	349,861	353,438	349,628
32	Stone, clay, and glass products...	2,637	2,694	2,675	2,648	-2.1	+0.7	+1.0	2,549	2,662	2,699	2,737	2,569
33	Primary metals.....	19,376	19,428	19,230	18,343	-0.3	+1.0	+4.8	18,411	18,661	18,807	18,061	18,885
331	Blast furnaces, steel mills.....	9,368	9,569	9,190	8,340	-2.1	+4.1	+10.2	8,797	9,052	8,905	8,106	8,761
333-9	Nonferrous and other primary metals.....	5,948	5,977	6,156	6,200	-0.5	-2.9	-0.7	5,627	5,840	6,107	6,144	6,815
34	Fabricated metal products.....	18,810	18,960	19,175	19,383	-0.8	-1.1	-1.1	18,599	19,081	19,368	19,669	19,874
35	Machinery, except electrical.....	54,922	56,384	56,458	56,288	-2.6	-0.1	+0.3	54,642	55,387	55,935	55,983	60,649
351	Engines and turbines.....	14,267	14,818	14,526	14,785	-3.7	+2.0	-1.8	14,652	14,715	14,518	14,629	14,855
353	Construction, mining, and material handling equipment....	4,831	4,832	4,981	4,962	0.0	-3.0	+0.4	4,768	4,774	4,926	4,982	6,179
354	Metalworking machinery.....	3,534	3,709	3,647	3,741	-4.7	+1.7	-2.5	3,580	3,739	3,775	3,763	4,473
356	General industrial machinery....	4,123	4,168	4,215	4,231	-1.1	-1.1	-0.4	4,098	4,114	4,219	4,231	4,391
357	Office and computing machines...	17,769	18,243	18,631	17,914	-2.6	-2.1	+4.0	17,307	17,732	18,240	18,039	20,364
36	Electrical machinery.....	84,667	84,527	84,113	85,044	+0.2	+0.5	-1.1	84,017	83,984	83,734	84,576	81,985
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	5,557	5,556	5,457	5,469	0.0	+1.8	-0.2	5,532	5,532	5,467	5,454	5,966
363	Household appliances.....	403	403	348	347	0.0	+15.8	+0.3	347	407	379	379	411
365	Radio and TV.....	505	364	287	313	+38.7	+26.8	-8.3	445	507	432	359	604
366	Communication equipment.....	61,614	61,343	60,975	61,502	+0.4	+0.6	-0.9	61,244	60,848	60,218	60,691	58,145
367	Electronic components.....	14,974	15,212	15,433	15,766	-1.6	-1.4	-2.1	14,824	15,029	15,572	16,034	15,347
37	Transportation equipment.....	159,158	161,306	159,424	159,575	-1.3	+1.2	-0.1	156,772	156,702	155,044	158,043	151,730
372,6	Aircraft, missiles, and parts...	134,830	136,877	135,067	134,705	-1.5	+1.3	+0.3	133,119	133,089	131,419	133,763	126,775
3731,95	Shipbuilding and military tank vehicles.....	18,403	18,770	18,644	18,848	-2.0	+0.7	-1.1	17,764	18,098	18,015	18,385	18,570
38	Instruments and related products..	8,676	8,611	8,336	8,456	+0.8	+3.3	-1.4	8,610	8,624	8,407	8,525	8,582
24,25, 39	All other durable goods.....	5,532	5,589	5,392	5,375	-1.0	+3.7	+0.3	5,473	5,737	5,867	5,844	5,354
	Nondurable goods industries.....	11,361	11,098	10,676	10,836	+2.4	+4.0	-1.5	11,173	11,071	10,735	10,967	10,280
	Market categories:												
	Home goods and apparel.....	4,483	4,382	4,157	4,033	+2.3	+5.4	+3.1	4,245	4,605	4,698	4,564	4,291
	Consumer staples.....	719	683	727	776	+5.3	-6.1	-6.3	739	719	734	744	744
	Equipment and defense products, except automotive.....	229,846	233,140	232,402	232,532	-1.4	+0.3	-0.1	227,233	227,755	227,262	230,184	226,625
	Automotive equipment.....	5,492	5,239	5,254	5,552	+4.8	-0.3	-5.4	5,470	5,103	5,149	5,402	5,822
	Construction materials, supplies and intermediate products.....	11,615	11,763	11,859	11,967	-1.3	-0.8	-0.9	11,476	11,829	12,020	12,204	12,203
	Other materials, supplies, and intermediate products.....	112,984	113,390	111,080	111,088	-0.4	+2.1	0.0	111,083	111,898	110,733	111,307	110,223
	Supplementary series:[2]												
	Capital goods industries.....	279,168	282,896	280,604	280,875	-1.3	+0.8	-0.1	276,214	276,998	275,143	278,421	274,198
	Nondefense.....	130,980	131,782	130,641	131,600	-0.6	+0.9	-0.7	131,053	130,431	130,209	131,370	133,814
	Defense.....	148,188	151,114	149,963	149,275	-1.9	+0.8	+0.5	145,161	146,567	144,934	147,051	140,384
	Household durable goods industries.....	3,962	3,828	3,610	3,522	+3.5	+6.0	+2.5	3,745	4,056	4,136	4,003	3,775

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.p	Aug.-Sept.r	July-Aug.	Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	All manufacturing industries..	276,199	276,574	277,473	278,613	-0.1	-0.3	-0.4	275,792	275,097	277,799	278,441	282,136
	Manufacturing industries with unfilled orders.....	194,068	194,469	194,689	195,343	-0.2	-0.1	-0.3	193,377	193,677	195,505	196,374	197,918
	Durable goods industries.....	185,439	186,102	186,045	186,858	-0.4	0.0	-0.4	184,824	185,275	186,580	187,101	189,961
	With unfilled orders.....	170,405	170,885	171,148	171,854	-0.3	-0.2	-0.4	170,104	170,364	171,749	172,396	174,754
32	Stone, clay, and glass products...	5,487	5,529	5,673	5,608	-0.8	-2.5	+1.2	5,312	5,385	5,640	5,621	5,466
322	Glass containers.....	652	644	631	639	+1.2	+2.1	-1.3	645	629	635	643	615
33	Primary metals.....	15,429	15,855	16,212	16,724	-2.7	-2.2	-3.1	15,379	15,790	16,206	16,734	18,108
331	Blast furnaces, steel mills.....	6,212	6,515	6,805	7,164	-4.7	-4.3	-5.0	6,280	6,561	6,866	7,236	8,229
333-9	Nonferrous and other primary metals.....	8,054	8,140	8,208	8,305	-1.1	-0.8	-1.2	7,949	8,042	8,167	8,272	8,660
34	Fabricated metal products.....	18,493	18,734	18,511	18,685	-1.3	+1.2	-0.9	18,141	18,375	18,542	18,811	18,943
341	Metal cans, barrels, and drums..	2,394	2,460	2,146	2,148	-2.7	+14.6	-0.1	2,028	2,108	2,077	2,270	1,999
35	Machinery, except electrical.....	36,776	36,784	37,055	37,220	0.0	-0.7	-0.4	36,681	36,618	37,113	37,322	39,914
351	Engines and turbines.....	1,946	1,963	1,981	1,942	-0.9	-0.9	+2.0	1,951	1,925	1,946	1,938	1,959
352	Farm machinery and equipment....	1,705	1,610	1,657	1,699	+5.9	-2.8	-2.5	1,623	1,623	1,650	1,672	1,733
353	Construction, mining, and material handling equipment....	5,870	5,904	5,780	5,746	-0.6	+2.1	+0.6	5,829	5,839	5,786	5,717	6,319
354	Metalworking machinery.....	2,733	2,753	2,731	2,741	-0.7	+0.8	-0.4	2,744	2,736	2,761	2,768	2,731
356	General industrial machinery....	3,199	3,181	3,265	3,274	+0.6	-2.6	-0.3	3,157	3,149	3,226	3,277	3,376
357	Office and computing machines...	10,302	10,294	10,688	10,760	+0.1	-3.7	-0.7	10,395	10,356	10,880	10,975	12,595
36	Electrical machinery.....	34,416	34,529	34,596	34,570	-0.3	-0.2	+0.1	34,327	34,378	34,795	34,789	33,830
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,091	4,137	4,156	4,206	-1.1	-0.5	-1.2	4,134	4,118	4,168	4,213	4,445
363	Household appliances.....	2,421	2,401	2,382	2,414	+0.8	+0.8	-1.3	2,305	2,262	2,330	2,438	2,225
365	Radio and TV.....	1,629	1,585	1,622	1,659	+2.8	-2.3	-2.2	1,609	1,645	1,711	1,722	1,356
366	Communication equipment.....	15,094	15,248	15,335	15,240	-1.0	-0.6	+0.6	15,152	15,210	15,379	15,302	14,911
367	Electronic components.....	6,023	6,021	6,030	5,941	0.0	-0.1	+1.5	6,005	5,985	6,060	5,989	6,120
37	Transportation equipment.....	50,697	50,804	50,037	50,061	-0.2	+1.5	0.0	51,000	50,832	50,172	49,694	49,589
371	Motor vehicles and parts.....	10,640	10,642	10,674	10,892	0.0	-0.3	-2.0	10,872	10,784	10,769	10,410	11,511
372,6	Aircraft, missiles, and parts...	36,659	36,662	35,950	35,774	0.0	+2.0	+0.5	36,727	36,578	36,099	35,990	34,912
3731,95	Shipbuilding and military tank vehicles.....	1,788	1,746	1,709	1,679	+2.4	+2.2	+1.8	1,798	1,754	1,668	1,682	1,512
38	Instruments and related products..	9,762	9,608	9,552	9,545	+1.6	+0.6	+0.1	9,678	9,600	9,610	9,627	9,656
381-4	Scientific and engineering instruments.....	6,908	6,784	6,688	6,668	+1.8	+1.4	+0.3	6,846	6,750	6,681	6,715	6,938
386	Photographic goods.....	2,239	2,195	2,224	2,242	+2.0	-1.3	-0.8	2,237	2,224	2,284	2,267	2,115
24,25, 39	All other durable goods.....	14,379	14,259	14,409	14,445	+0.8	-1.0	-0.2	14,306	14,297	14,502	14,503	14,455
	Nondurable goods industries.....	90,760	90,472	91,428	91,755	+0.3	-1.0	-0.4	90,968	89,822	91,219	91,340	92,175
	With unfilled orders.....	23,663	23,584	23,541	23,489	+0.3	+0.2	+0.2	23,273	23,313	23,756	23,978	23,164
20	Food and kindred products.....	21,095	21,054	21,725	21,782	+0.2	-3.1	-0.3	22,193	21,332	21,606	20,806	22,202
201	Meat products.....	2,265	2,318	2,353	2,299	-2.3	-1.5	+2.3	2,238	2,170	2,219	2,223	2,351
208	Beverages.....	3,389	3,469	3,553	3,562	-2.3	-2.4	-0.3	3,348	3,382	3,400	3,462	3,398
207	Fats and oils.....	1,076	1,047	1,036	1,031	+2.8	+1.1	+0.5	1,100	822	854	892	1,130
203-6,9	All other foods.....	12,529	12,423	13,008	13,175	+0.9	-4.5	-1.3	13,682	13,181	13,333	12,464	13,631
21	Tobacco products.....	3,034	2,974	2,982	3,086	+2.0	-0.3	-3.4	3,083	2,956	2,806	2,796	3,367
22	Textile mill products.....	6,420	6,397	6,337	6,531	+0.4	+0.9	-3.0	6,206	6,276	6,323	6,573	6,551
26	Paper and allied products.....	9,955	10,065	10,114	10,029	-1.1	-0.5	+0.8	9,834	9,842	10,026	10,086	9,512
261-3,6	Pulp, paper etc.....	3,919	3,906	3,885	3,931	+0.3	+0.5	-1.2	3,899	3,832	3,876	3,933	3,701
265	Paperboard containers.....	2,381	2,411	2,379	2,298	-1.2	+1.3	+3.5	2,336	2,372	2,377	2,342	2,232
264	All other paper products.....	3,655	3,748	3,850	3,800	-2.5	-2.6	+1.3	3,599	3,638	3,773	3,811	3,579
28	Chemicals and allied products.....	22,366	22,141	22,085	22,252	+1.0	+0.3	-0.8	22,132	21,675	21,971	22,241	21,472
281,6	Industrial chemicals, except pigments.....	6,732	6,658	6,676	6,661	+1.1	-0.3	+0.2	6,685	6,558	6,683	6,694	6,589
283,4	Drugs, soaps, and toiletries....	7,305	7,223	7,297	7,334	+1.1	-1.0	-0.5	7,217	7,100	7,304	7,371	6,845
29	Petroleum and coal products.....	5,514	5,478	5,767	5,852	+0.7	-5.0	-1.5	5,654	5,567	5,783	5,858	7,373
30	Rubber and plastics products.....	6,163	6,285	6,314	6,301	-1.9	-0.5	+0.2	6,041	6,128	6,178	6,313	5,966
23,27, 31	All other nondurable goods.....	16,213	16,078	16,104	15,922	+0.8	-0.2	+1.1	15,825	16,046	16,526	16,667	15,732
	Market categories:												
	Home goods and apparel.....	22,383	22,228	22,421	22,411	+0.7	-0.9	0.0	21,772	22,041	22,741	23,060	21,310
	Consumer staples.....	34,117	33,946	34,706	34,930	+0.5	-2.2	-0.6	35,088	34,340	34,682	33,949	34,996
	Equipment and defense products, except automotive.....	82,882	83,062	82,667	82,865	-0.2	+0.5	-0.2	82,826	82,478	82,708	83,058	85,099
	Automotive equipment.....	12,797	12,937	12,980	13,181	-1.1	-0.3	-1.5	12,953	12,992	12,963	12,580	13,803
	Construction materials, supplies and intermediate products.....	18,155	18,278	18,479	18,454	-0.7	-1.1	+0.1	17,981	18,104	18,436	18,455	18,609
	Other materials, supplies, and intermediate products.....	105,865	106,123	106,220	106,772	-0.2	-0.1	-0.5	105,172	105,142	106,269	107,339	108,319
	Supplementary series:[2]												
	Capital goods industries.....	97,287	97,465	96,981	96,834	-0.2	+0.5	+0.2	97,354	97,095	97,274	97,300	97,981
	Nondefense.....	68,050	68,429	68,515	68,685	-0.6	-0.1	-0.2	68,401	68,237	68,713	68,728	71,667
	Defense.....	29,237	29,036	28,466	28,149	+0.7	+2.0	+1.1	28,953	28,858	28,561	28,572	26,314
	Household durable goods industries.....	11,599	11,446	11,567	11,638	+1.3	-1.0	-0.6	11,360	11,376	11,759	11,857	10,946

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC Code	Industry	Seasonally adjusted							Not seasonally adjusted[1]				
		End of month				Percent change			End of month				
		Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Sept.-Oct.p	Aug.-Sept.r	July-Aug.	Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Oct. 1985
	MATERIALS AND SUPPLIES												
	All manufacturing industries..	85,859	86,419	86,562	87,023	-0.6	-0.2	-0.5	85,367	85,694	86,274	86,942	88,717
	Durable goods industries.....	50,408	51,052	50,878	51,338	-1.3	+0.3	-0.9	50,460	51,051	51,121	51,460	53,725
32	Stone, clay, and glass products...	1,704	1,697	1,761	1,749	+0.4	-3.6	+0.7	1,700	1,700	1,771	1,753	1,764
33	Primary metals.....	4,490	4,564	4,596	4,836	-1.6	-0.7	-5.0	4,563	4,584	4,585	4,792	5,581
34	Fabricated metal products.....	6,708	6,880	6,946	7,101	-2.5	-1.0	-2.2	6,616	6,828	6,957	7,165	7,373
35	Machinery, except electrical.....	10,360	10,524	10,442	10,281	-1.6	+0.8	+1.6	10,326	10,421	10,413	10,335	11,266
36	Electrical Machinery.....	7,688	7,871	7,855	7,961	-2.3	+0.2	-1.3	7,627	7,873	7,923	8,108	7,995
37	Transportation equipment.....	11,515	11,625	11,281	11,395	-0.9	+3.0	-1.0	11,501	11,607	11,417	11,293	11,578
38	Instruments and related products..	2,641	2,625	2,662	2,682	+0.6	-1.4	-0.7	2,649	2,656	2,663	2,683	2,715
24,25, 39	All other durable goods.....	5,302	5,266	5,335	5,333	+0.7	-1.3	0.0	5,478	5,382	5,392	5,331	5,453
	Nondurable goods industries.....	35,451	35,367	35,684	35,685	+0.2	-0.9	0.0	34,907	34,643	35,153	35,482	34,992
20	Food and kindred products.....	7,827	7,845	8,069	7,963	-0.2	-2.8	+1.3	7,855	7,401	7,653	7,626	7,579
21	Tobacco products.....	2,408	2,419	2,419	2,552	-0.5	0.0	-5.2	2,281	2,330	2,301	2,335	2,658
22	Textile mill products.....	1,938	1,885	1,947	1,964	+2.8	-3.2	-0.9	1,824	1,832	1,943	2,014	1,948
26	Paper and allied products.....	4,915	4,976	4,963	4,921	-1.2	+0.3	+0.9	4,896	4,936	4,920	4,958	4,633
28	Chemicals and allied products.....	8,520	8,348	8,326	8,382	+2.1	+0.3	-0.7	8,350	8,319	8,341	8,450	7,921
29	Petroleum and coal products.....	1,644	1,623	1,684	1,627	+1.3	-3.6	+3.5	1,638	1,583	1,654	1,643	1,856
30	Rubber and plastics products.....	2,232	2,265	2,292	2,205	-1.5	-1.2	+3.9	2,228	2,230	2,218	2,231	2,029
23,27, 31	All other nondurable goods.....	5,967	6,006	5,984	6,071	-0.6	+0.4	-1.4	5,835	6,012	6,123	6,225	6,368
	WORK IN PROCESS												
	All manufacturing industries..	104,642	104,635	104,177	104,306	0.0	+0.4	-0.1	105,030	104,602	104,693	104,285	106,070
	Durable goods industries.....	90,685	90,898	90,673	90,518	-0.2	+0.2	+0.2	90,945	90,768	91,019	90,420	91,375
32	Stone, clay, and glass products...	733	746	761	766	-1.7	-2.0	-0.7	700	726	747	751	777
33	Primary metals.....	6,600	6,746	6,845	6,874	-2.2	-1.4	-0.4	6,568	6,755	6,938	6,943	7,236
34	Fabricated metal products.....	6,828	6,942	6,766	6,769	-1.6	+2.6	0.0	6,755	6,856	6,803	6,884	6,958
35	Machinery, except electrical.....	14,721	14,833	15,186	15,094	-0.8	-2.3	+0.6	14,850	14,778	15,190	14,961	16,304
36	Electrical Machinery.....	20,489	20,353	20,378	20,157	+0.7	-0.1	+1.1	20,529	20,275	20,492	20,207	19,720
37	Transportation equipment.....	33,979	34,022	33,523	33,591	-0.1	+1.5	-0.2	34,276	34,138	33,590	33,356	32,716
38	Instruments and related products..	4,066	4,032	3,948	3,950	+0.8	+2.1	-0.1	4,035	4,003	3,972	3,980	4,173
24,25, 39	All other durable goods.....	3,269	3,224	3,266	3,317	+1.4	-1.3	-1.5	3,232	3,237	3,287	3,338	3,491
	Nondurable goods industries.....	13,957	13,737	13,504	13,788	+1.6	+1.7	-2.1	14,085	13,834	13,674	13,865	14,695
20	Food and kindred products.....	1,683	1,664	1,669	1,700	+1.1	-0.3	-1.8	1,664	1,625	1,621	1,633	1,636
21	Tobacco products.....	297	259	276	258	+14.7	-6.2	+7.0	476	350	237	201	405
22	Textile mill products.....	1,937	1,902	1,836	1,984	+1.8	+3.6	-7.5	1,929	1,904	1,829	1,959	2,048
26	Paper and allied products.....	1,187	1,157	1,170	1,169	+2.6	-1.1	+0.1	1,189	1,175	1,203	1,187	1,143
28	Chemicals and allied products.....	3,534	3,483	3,351	3,469	+1.5	+3.9	-3.4	3,531	3,475	3,380	3,494	3,736
29	Petroleum and coal products.....	768	733	758	764	+4.8	-3.3	-0.8	750	737	789	782	1,278
30	Rubber and plastics products.....	1,165	1,233	1,169	1,175	-5.5	+5.5	-0.5	1,172	1,251	1,197	1,193	1,181
23,27, 31	All other nondurable goods.....	3,386	3,306	3,275	3,269	+2.4	+0.9	+0.2	3,374	3,317	3,418	3,416	3,268
	FINISHED GOODS												
	All manufacturing industries..	85,698	85,520	86,734	87,284	+0.2	-1.4	-0.6	85,395	84,801	86,832	87,214	87,349
	Durable goods industries.....	44,346	44,152	44,494	45,002	+0.4	-0.8	-1.1	43,419	43,456	44,440	45,221	44,861
32	Stone, clay, and glass products...	3,050	3,086	3,151	3,093	-1.2	-2.1	+1.9	2,912	2,959	3,122	3,117	2,925
33	Primary metals.....	4,339	4,545	4,771	5,014	-4.5	-4.7	-4.8	4,248	4,451	4,683	4,999	5,291
34	Fabricated metal products.....	4,957	4,912	4,799	4,815	+0.9	+2.4	-0.3	4,770	4,691	4,782	4,762	4,612
35	Machinery, except electrical.....	11,695	11,427	11,427	11,845	+2.3	0.0	-3.5	11,505	11,419	11,510	12,026	12,344
36	Electrical Machinery.....	6,239	6,305	6,363	6,452	-1.0	-0.9	-1.4	6,171	6,230	6,380	6,474	6,115
37	Transportation equipment.....	5,203	5,157	5,233	5,075	+0.9	-1.5	+3.1	5,223	5,087	5,165	5,045	5,295
38	Instruments and related products..	3,055	2,951	2,942	2,913	+3.5	+0.3	+1.0	2,994	2,941	2,975	2,964	2,768
24,25, 39	All other durable goods.....	5,808	5,769	5,808	5,795	+0.7	-0.7	+0.2	5,596	5,678	5,823	5,834	5,511
	Nondurable goods industries.....	41,352	41,368	42,240	42,282	0.0	-2.1	-0.1	41,976	41,345	42,392	41,993	42,488
20	Food and kindred products.....	11,585	11,545	11,987	12,119	+0.3	-3.7	-1.1	12,674	12,306	12,332	11,547	12,987
21	Tobacco products.....	329	296	287	276	+11.1	+3.1	+4.0	326	276	268	260	304
22	Textile mill products.....	2,545	2,610	2,554	2,583	-2.5	+2.2	-1.1	2,453	2,540	2,551	2,600	2,555
26	Paper and allied products.....	3,853	3,932	3,981	3,939	-2.0	-1.2	+1.1	3,749	3,731	3,903	3,941	3,736
28	Chemicals and allied products.....	10,312	10,310	10,408	10,401	0.0	-0.9	+0.1	10,251	9,881	10,250	10,297	9,815
29	Petroleum and coal products.....	3,102	3,122	3,325	3,461	-0.6	-6.1	-3.9	3,266	3,247	3,340	3,433	4,239
30	Rubber and plastics products.....	2,766	2,787	2,853	2,921	-0.8	-2.3	-2.3	2,641	2,647	2,763	2,889	2,756
23,27, 31	All other nondurable goods.....	6,860	6,766	6,845	6,582	+1.4	-1.2	+4.0	6,616	6,717	6,985	7,026	6,096

[p]Preliminary. [r]Revised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

SIC Code	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio[1]			
		Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986	Oct. 1986p	Sept. 1986r	Aug. 1986	July 1986
	All manufacturing industries	1.41	1.41	1.44	1.44	3.32	3.36	3.41	3.38
	Durable goods industries	1.73	1.76	1.79	1.78	4.07	4.15	4.19	4.14
32	Stone, clay, and glass products	1.11	1.12	1.19	1.15	0.59	0.60	0.62	0.60
33	Primary metals	1.59	1.64	1.73	1.73	2.00	2.01	2.05	1.90
34	Fabricated metal products	1.28	1.31	1.33	1.33	1.39	1.41	1.48	1.48
35	Machinery, except electrical	2.21	2.22	2.25	2.18	3.42	3.55	3.62	3.44
36	Electrical machinery	2.04	2.00	2.05	2.14	5.01	4.90	4.98	5.26
37	Transportation equipment	1.79	1.88	1.86	1.83	10.08	10.96	10.73	10.33
38	Instruments and related products	2.07	2.10	2.02	2.01	1.84	1.89	1.76	1.78
	Nondurable goods industries	1.02	1.00	1.03	1.04	0.49	0.48	0.47	0.48
20	Food and kindred products	0.80	0.79	0.83	0.82	(X)	(X)	(X)	(X)
21	Tobacco products	2.04	1.64	1.67	2.07	(X)	(X)	(X)	(X)
22	Textile mill products	1.35	1.36	1.37	1.42	(NA)	(NA)	(NA)	(NA)
26	Paper and allied products	1.07	1.06	1.09	1.08	(NA)	(NA)	(NA)	(NA)
28	Chemicals and allied products	1.24	1.23	1.22	1.26	(X)	(X)	(X)	(X)
29	Petroleum and coal products	0.54	0.51	0.53	0.55	(X)	(X)	(X)	(X)
30	Rubber and plastics products	1.54	1.58	1.66	1.68	(X)	(X)	(X)	(X)

p Preliminary. r Revised. (X) Not applicable. (NA) Not available.

[1] Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC Code	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986	Year ago Oct. 1985	All Octs. 1981-1985	Oct. 1985-Sept. 1986
	All manufacturing industries.	0.2	0.2	0.3	0.1	0.3	0.3	0.1	0.1	0.1	0.1	0.1	0.1
	Durable goods industries	0.4	0.4	0.4	0.1	0.5	0.6	0.1	0.1	0.1	0.1	0.1	0.1
32	Stone, clay, and glass products	2.1	1.7	1.2	1.7	1.7	1.2	0.6	0.6	0.8	0.1	0.8	0.3
33	Primary metals	0.1	0.2	0.6	0.2	0.4	0.7	0.1	0.1	0.3	0.4	0.3	0.2
34	Fabricated metal products	0.0	0.9	0.9	0.4	1.0	1.2	0.3	0.2	0.5	2.3	0.7	0.6
35	Machinery, except electrical	0.3	0.5	0.6	0.4	0.7	1.2	0.2	0.1	0.2	0.0	0.4	0.2
36	Electrical machinery	0.7	0.6	0.8	0.4	0.7	1.3	0.1	0.1	0.2	0.8	0.3	0.2
37	Transportation equipment	0.2	0.4	0.3	0.7	1.5	1.5	0.2	0.2	0.2	0.0	0.1	0.1
38	Instruments and related products.	1.0	0.8	0.8	1.1	1.1	1.1	0.0	0.2	0.4	0.7	0.4	0.3
	Nondurable goods industries	0.2	0.1	0.3	0.2	0.1	0.3	0.6	0.4	0.4	0.3	0.2	0.2
20	Food and kindred products	0.5	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.5	0.3
21	Tobacco products	0.0	0.0	0.5	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.2	0.1
22	Textile mill products	1.1	0.6	1.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.2	1.5	1.0
26	Paper and allied products	0.7	0.7	0.6	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	0.1	0.2	0.3
28	Chemicals and allied product	0.4	1.1	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.7	0.4	0.4
29	Petroleum and coal products	0.5	0.6	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.5	0.6
30	Rubber and plastics products	0.0	1.0	0.9	(X)	(X)	(X)	(X)	(X)	(X)	0.6	0.5	0.6
	Capital goods industries:												
	Nondefense	0.8	0.6	0.5	0.2	0.9	0.7	0.1	0.2	0.1	0.1	0.1	0.1
	Defense	0.3	0.9	1.0	2.5	2.6	4.2	0.2	0.2	0.2	0.9	0.2	0.4

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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